Teachers cannot always recognize hidden disabilities. For example, generic healthy environments (Zhang et al., 2020) can impact those students with slight medical handicaps such as dyslexia, migraines, epilepsy, or any visual, attention (ADHD), or motor impairments (Coleman et al., 2015; Khan, 2020).

I can use assistive technologies to help regulate the learner’s sensory discomforts by changing lighting and sound. First, I could use Open Dyslexic, a font for Dyslexic students (Khan, 2020). Assisted AI lighting systems can regulate a room section (Karyono et al., 2020). Another solution is to provide desk lighting, such as a LED or colored lamp, to drown out florescent ones (Zhang et al., 2020). Lastly, voice-assisted mobile devices such as Amazon Alexa help read text, present voice reminders, timers, checklists, alarms, calming background music, help with research, or word games (Terzopoulos & Satratzemi, 2020).

**Reference**

Coleman, M. B., Cramer, E. S., Park, Y., & Bell, S. M. (2015). Art educators' use of adaptations, assistive technology, and special education supports for students with pysical, visual, severe and multiple disabilities. *Journal of Developmental and Physical Disabilities*, *27*, 637-660. [https://doi.org/10.1007/s10882-015-9440-6\*Mari](https://doi.org/10.1007/s10882-015-9440-6%2AMari) Beth Colemanmbc@utk.edu1University of Tennessee, Knoxville, TN, USA2416 Bailey Education Complex, Knoxville, TN 37996-3442, USA

Karyono, K., Abdullah, B., Cotgrave, A., & Bras, A. (2020). A novel adaptive lighting system which considers behavioral adaption aspects for visually impaired people. *Buildings*, *10*(9), 168. <https://doi.org/10.3390/buildings10090168>

Khan, S. (2020). Understanding Issues in Dyslexic learner's pedagogy, the role of assistive technology, and its challenges. *International Journal of Educational Researchers*, *11*(3), 1-7. <https://ijer.penpublishing.net/makale/1662>

Terzopoulos, G., & Satratzemi, M. (2020). Voice assistant and smart speakers in everyday life and in education. *Informatics in Education*, *19*(3), 473-490. <https://doi.org/10.15388/infedu.2020.21>

Zhang, R., Yang, Y., Fang, Q., Liu, Y., Zhu, X., Wang, M., & Su, L. (2020). Effects of Indoors artificial lighting conditions on computer-based learning performance. *International Jounal of Environmental Research and Public Health*, *17*(17), 2537. <https://doi.org/10.3390/ijerph17072537>